

Title (en)

TYRE RUBBER COMPOSITION AND PNEUMATIC TYRE

Title (de)

REIFENGUMMIZUSAMMENSETZUNG UND LUFTREIFEN

Title (fr)

COMPOSITION DE GOMME POUR PNEUS, ET PNEU AINSI OBTENU

Publication

**EP 2511334 B1 20180425 (EN)**

Application

**EP 11732874 A 20110112**

Priority

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Abstract (en)

[origin: EP2511334A1] The present invention provides a tire rubber composition which has good silica dispersibility and improves in terms of the reinforcement, the abrasion resistance, the mechanical strength, the rolling resistance, the wet grip performance, and the handling stability on a dry road surface in a balanced manner; and provides a pneumatic tire produced using the tire rubber composition. The present invention relates to a tire rubber composition, comprising: a rubber component; a first silica; and a second silica, wherein the first silica has a CTAB specific surface area of 180 m<sup>2</sup>/g or more, a BET specific surface area of 185 m<sup>2</sup>/g or more, and an aggregate size of 45 nm or more, and the second silica has a CTAB specific surface area of 95 m<sup>2</sup>/g or less, and a BET specific surface area of 100 m<sup>2</sup>/g or less.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

EP2762526A1; CN107735441A; EP3312228A4; EP3383949A4; US10654993B2; EP3363854A1; CN108456348A; EP3418072A1; CN110177835A; WO2018102560A1; EP2357211B1; EP2868697B1

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